WHAT IS CLAIMED IS:

1. A method of providing programming assistance for an integrated development environment, comprising:

receiving a selection of a method call from a list of method calls; and

providing a list of variables associated with and available to be passed to the method call.

2. The method of claim 1, further comprising:

receiving a selection of a variable from the list of variables; and

modifying source code displayed on an output device according to the selection of the method call and the selection of the variable.

3. The method of claim 1, wherein the variables are selected from internal variables, external variables, and combinations thereof.

4. The method of claim 1, wherein the method calls are selected from internal method calls, external method calls, and combinations thereof.

5. The method of claim 1, wherein providing comprises determining at least one variable type.

6. The method of claim 5, wherein determining the at least one variable type comprises searching at least one data structure for at least one variable type and storing the at least one variable type.

7. The method of claim 6, further comprising searching the at least one data structure for one or more internal variables comprising an internal variable type and comparing each of the internal variable types to the at least one variable type wherein if the internal variable type matches the variable type then storing the internal variables.

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8.   The method of claim 6, further comprising searching the at least one data structure for one or more external variables comprising an external variable type and comparing each of the external variable types to the at least one variable type wherein if the external variable type matches the variable type then storing the external variables.

9.   The method of claim 1, wherein providing the list of variables comprises generating a list of classes to search.

10.   The method of claim 9, wherein providing the list of variables comprises searching the list of classes for variables matching a variable type.

11.   The method of claim 1, further comprising sorting the variables in hierarchical order.

12.   The method of claim 11, wherein sorting the variables in hierarchical order comprises weighting the variables.

13.   The method of claim 11, wherein weighting the variables comprises associating each variable with a weighting factor based on attributes comprising a most recently modified variable attribute, a most recently created variable attribute, a local variable attribute, class attribute, external attribute, usage attribute, initialized attribute, and combinations thereof.

14.   The method of claim 13, wherein associating each variable with a weighting factor based on attributes comprises summing the weighting factors for each variable and ranking the variables based upon a summation value.

15.   A computer-readable medium comprising a programming assistance tool, wherein the programming assistance tool, when executed by a processor performs an operation comprising:

upon receiving a selection of a method call from a list of method calls for a source code document, generating, for display, a list of variables associated with and available to be passed to the method call, wherein the selection of the method call and a selection of a variable from the list of variables are to be input to the source code document.

16. The computer-readable medium of claim 15, wherein the variables are selected from internal variables, external variables, and combinations thereof.

17. The computer-readable medium of claim 15, wherein the method calls are selected from internal method calls, external method calls, and combinations thereof.

18. The computer-readable medium of claim 15, wherein providing comprises determining at least one variable type.

19. The computer-readable medium of claim 18, wherein determining at least one variable type further comprises searching at least one data structure for at least one variable type and storing the at least one variable type.

20. The computer-readable medium of claim 19, further comprising searching the at least one data structure for one or more internal variables comprising an internal variable type and comparing each of the internal variable types to the at least one variable type wherein if the internal variable type matches the variable type then storing the internal variables.

21. The computer-readable medium of claim 19, further comprising searching the at least one data structure for one or more external variables comprising an external variable type and comparing each of the external variable types to the at least one variable type wherein if the external variable type matches the variable type then storing the external variables.

22.   The computer-readable medium of claim 15, wherein generating the list of variables comprises generating a list of classes to search.

23.   The computer-readable medium of claim 22, wherein generating the list of variables comprises searching the list of classes for the variables matching the variable type.

24.   The computer-readable medium of claim 15, further comprising listing the variables in hierarchical order.

25.   The computer-readable medium of claim 24, wherein listing the variables in hierarchical order comprises weighting the variables.

26.   The computer-readable medium of claim 25, wherein weighting the variables comprises associating each variable with a weighting factor based on attributes comprising a most recently modified variable attribute, a most recently created variable attribute, a local variable attribute, class attribute, external attribute, usage attribute, initialized attribute, and combinations thereof.

27.   The computer-readable medium of claim 26, wherein associating each variable with a weighting factor based on attributes comprises summing the weighting factors for each variable and ranking the variables based upon a summation value.

28.   A processing system, comprising:
        a memory comprising:
                a source code document;
                a programming assistance tool to modify the source code document;
                a method call list configurable with a list of method calls; and
                a variables list configurable with a list of variables available to pass to at
        least one method call from the list of method calls; and
        a processor which, when executing the programming assistance tool, is

configured to perform an operation comprising:

        receive a selection of a method call from the list of method calls;

        prepare, for display, the list of variables associated with and available to be passed to the method call;

        receive a selection of a variable from the list of variables; and

        modify the source code document according to the selection of the method call and the selection of the variable.

29.   The processing system of claim 28, wherein the processor is configured to sort the list of method calls into a hierarchy based on at least one of usage, alphabetical order, accessibility, and combinations thereof.

30.   The processing system of claim 28, wherein the memory further comprises a variable type data structure and wherein the processor is configured to provide the list of variables by accessing the variable type data structure to determine at least one variable type.

31.   The processing system of claim 28, wherein the processor is configured to sort the variables in a hierarchical order.

32.   The processing system of claim 31, wherein processor is configured to sort the variables in the hierarchical order by weighting the variables.

33.   The processing system of claim 32, wherein weighting the variables comprises associating each variable with a weighting factor based on attributes comprising a most recently modified variable attribute, a most recently created variable attribute, a local variable attribute, class attribute, external attribute, usage attribute, initialized attribute, and combinations thereof.

34.   The processing system of claim 33, wherein associating each variable with a weighting factor based on attributes comprises summing the weighting factors for

each variable and ranking the variables based upon a summation value.